

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Robert (Keston) Shiao Examiner #: 79521 Date: 4/24/07
 Art Unit: 1626 Phone Number: 2-0707 Serial Number: 10/516,320
 Mail Box and Bldg/Room Location: REM Results Format Preferred (circle): PAPER DISK E-MAIL
541/508

If more than one search is submitted, please prioritize searches in order of need.

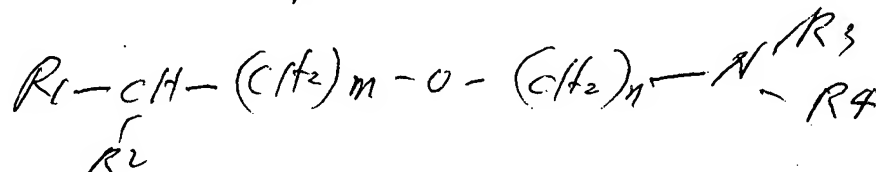
Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Medronal composition
 Inventors (please provide full names): Nakada et al

Earliest Priority Filing Date: _____

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

I sub a composition comprising cpd (2) and cpd B₁ or, (see claim, 6)



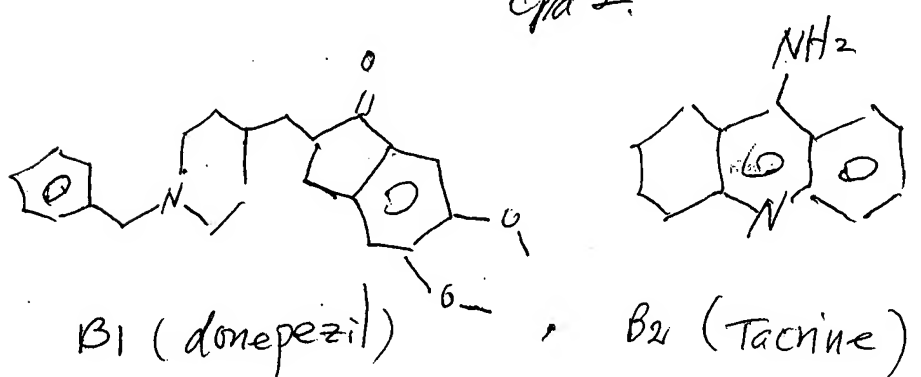
* m = 1 or 5

* n is 1 or 6

* R₁, R₄ is

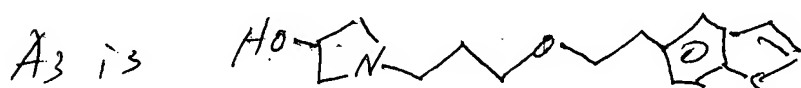
sub; R₁ is hetero

* R₃/R₄ form a heterocycle



RN: 120014-06-4

I sub composition comprising cpd A₃ and B₁, or A₃ and B₂



II sub process of making of composition of gp I (see claim 4)

STAFF USE ONLY

Type of Search

Vendors and cost where applicable

Searcher: _____

NA Sequence (#) _____

STN _____

Searcher Phone #: _____

AA Sequence (#) _____

Dialog _____

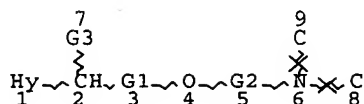
Searcher Location: _____

Structure (#) _____

Questel/Orbit _____

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L1 SCR 1707
 L2 SCR 1607 OR 1609
 L3 SCR 1297
 L4 SCR 1842 OR 2040 OR 1918
 L5 STR



REP G1=(1-5) CH2

REP G2=(1-6) CH2

VAR G3=H/OH

NODE ATTRIBUTES:

NSPEC IS RC AT 6

NSPEC IS RC AT 8

NSPEC IS RC AT 9

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 9

STEREO ATTRIBUTES: NONE

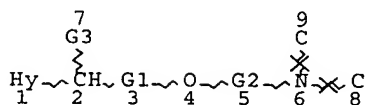
L6 1489 SEA FILE=REGISTRY SSS FUL L5 AND L1 AND L2 AND L3 NOT L4
 L7 1 SEA FILE=REGISTRY ABB=ON PLU=ON DONEPEZIL/CN
 L8 1 SEA FILE=REGISTRY ABB=ON PLU=ON TACRINE/CN
 L9 1 SEA FILE=REGISTRY ABB=ON PLU=ON 519187-23-6/RN
 L10 8 SEA FILE=REGISTRY ABB=ON PLU=ON 519187-23-6/CRN
 L15 35 SEA FILE=REGISTRY ABB=ON PLU=ON 120014-06-4/CRN
 L17 637 SEA FILE=HCAPLUS ABB=ON PLU=ON L6
 L18 1181 SEA FILE=HCAPLUS ABB=ON PLU=ON L7 OR L15 OR DONEPEZIL
 L19 1755 SEA FILE=HCAPLUS ABB=ON PLU=ON L8 OR TACRINE
 L20 7 SEA FILE=HCAPLUS ABB=ON PLU=ON L9 OR L10
 L21 6 SEA FILE=HCAPLUS ABB=ON PLU=ON L17 AND (L18 OR L19)
 L22 1 SEA FILE=HCAPLUS ABB=ON PLU=ON L20 AND (L18 OR L19)
 L23 753 SEA FILE=HCAPLUS ABB=ON PLU=ON DONEPEZIL+PFT,NT,OLD,NEW/C
 T
 L24 1373 SEA FILE=HCAPLUS ABB=ON PLU=ON TACRINE+PFT,NT,NEW,OLD/CT
 L25 1 SEA FILE=HCAPLUS ABB=ON PLU=ON L17 AND (L23 OR L24)
 L26 1 SEA FILE=HCAPLUS ABB=ON PLU=ON L20 AND (L23 OR L24)
 L27 1 SEA FILE=REGISTRY ABB=ON PLU=ON RIVASTIGMINE/CN
 L28 1 SEA FILE=REGISTRY ABB=ON PLU=ON GALANTHAMINE/CN
 L29 1 SEA FILE=REGISTRY ABB=ON PLU=ON HUPERZINE/CN
 L30 1 SEA FILE=REGISTRY ABB=ON PLU=ON IPIDACRINE/CN
 L31 1 SEA FILE=REGISTRY ABB=ON PLU=ON ZANAPEZIL/CN
 L32 1 SEA FILE=REGISTRY ABB=ON PLU=ON PHENSERINE/CN
 L33 1 SEA FILE=REGISTRY ABB=ON PLU=ON QUILOSTIGMINE/CN
 L34 1 SEA FILE=REGISTRY ABB=ON PLU=ON GANSTIGMINE/CN
 L35 1 SEA FILE=REGISTRY ABB=ON PLU=ON ENSACULIN/CN
 L36 1 SEA FILE=REGISTRY ABB=ON PLU=ON "ACETYLCHOLINE ESTERASE"/
 CN
 L37 421 SEA FILE=HCAPLUS ABB=ON PLU=ON L27 AND RIVASTIGMINE
 L38 450 SEA FILE=HCAPLUS ABB=ON PLU=ON RIVASTIGMINE+PFT,NT,OLD,NE

W/CT

L39	450	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	L37 OR L38
L40	0	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	GALANTHAMINE+PFT, NT, NEW, OL
		D/CT			
L41	1401	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	L28 OR GALANTHAMINE
L42	575	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	L29 OR HUPERZINE
L43	57	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	L30 OR IPIDACRINE
L44	30	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	L31 OR ZANAPEZIL
L45	117	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	L32 OR PHENSERINE
L46	14	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	L33 OR QUILOSTIGMINE
L47	14	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	L34 OR GANSTIGMINE
L48	6	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	L35 OR ENSACULIN
L49	0	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	ENSACULIN+PFT, NT, OLD, NEW/C
		T			
L50	19893	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	L36 OR ACETYLCHOLINE
		ESTERASE			
L51	19535	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	ACETYLCHOLINESTERASE+PFT, N
		T, OLD, NEW/CT			
L52	6	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	L17 AND ((L37 OR L38 OR
					L39 OR L40 OR L41 OR L42 OR L43 OR L44 OR L45 OR L46 OR
					L47 OR L48 OR L49 OR L50 OR L51))
L53	9	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	L21 OR L22 OR L25 OR L26
					OR L52
L70	1013	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	NAKADA, Y?/AU
L71	4399	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	NAKAGAWA, M?/AU
L72	4294	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	ONO, S?/AU
L76	5	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	(L70 OR L71 OR L72) AND
		L53			
L77	4	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	L53 NOT L76
L118	3	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	L6 AND (ACETYLCHOLINE
		ESTERAS? OR ACETYLCHOLINEESTERAS?)			
L119	2	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	L118 NOT L76
L120	4	SEA FILE=HCAPLUS	ABB=ON	PLU=ON	L77 OR L119

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L1	SCR 1707
L2	SCR 1607 OR 1609
L3	SCR 1297
L4	SCR 1842 OR 2040 OR 1918
L5	STR



REP G1=(1-5) CH2
 REP G2=(1-6) CH2
 VAR G3=H/OH
 NODE ATTRIBUTES:
 NSPEC IS RC AT 6
 NSPEC IS RC AT 8
 NSPEC IS RC AT 9
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 9

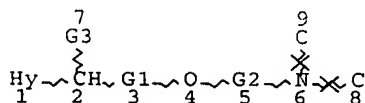
STEREO ATTRIBUTES: NONE

L6 1489 SEA FILE=REGISTRY SSS FUL L5 AND L1 AND L2 AND L3 NOT L4
 L7 1 SEA FILE=REGISTRY ABB=ON PLU=ON DONEPEZIL/CN
 L8 1 SEA FILE=REGISTRY ABB=ON PLU=ON TACRINE/CN
 L9 1 SEA FILE=REGISTRY ABB=ON PLU=ON 519187-23-6/RN
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 L17 637 SEA FILE=HCAPLUS ABB=ON PLU=ON L6
 L20 7 SEA FILE=HCAPLUS ABB=ON PLU=ON L9 OR L10
 L23 753 SEA FILE=HCAPLUS ABB=ON PLU=ON DONEPEZIL+PFT,NT,OLD,NEW/C
 T
 L24 1373 SEA FILE=HCAPLUS ABB=ON PLU=ON TACRINE+PFT,NT,NEW,OLD/CT

 L25 1 SEA FILE=HCAPLUS ABB=ON PLU=ON L17 AND (L23 OR L24)
 L26 1 SEA FILE=HCAPLUS ABB=ON PLU=ON L20 AND (L23 OR L24)
 L27 1 SEA FILE=REGISTRY ABB=ON PLU=ON RIVASTIGMINE/CN
 L28 1 SEA FILE=REGISTRY ABB=ON PLU=ON GALANTHAMINE/CN
 L29 1 SEA FILE=REGISTRY ABB=ON PLU=ON HUPERZINE/CN
 L30 1 SEA FILE=REGISTRY ABB=ON PLU=ON IPIDACRINE/CN
 L31 1 SEA FILE=REGISTRY ABB=ON PLU=ON ZANAPEZIL/CN
 L32 1 SEA FILE=REGISTRY ABB=ON PLU=ON PHENSERINE/CN
 L33 1 SEA FILE=REGISTRY ABB=ON PLU=ON QUILOSTIGMINE/CN
 L34 1 SEA FILE=REGISTRY ABB=ON PLU=ON GANSTIGMINE/CN
 L35 1 SEA FILE=REGISTRY ABB=ON PLU=ON ENSACULIN/CN
 L55 1 SEA FILE=REGISTRY ABB=ON PLU=ON L6 AND MEDLINE/LC
 L59 6 SEA FILE=REGISTRY ABB=ON PLU=ON L7 OR L8 OR (L25 OR L26
 OR L27 OR L28 OR L29 OR L30 OR L31 OR L32 OR L33 OR L34 OR
 L35) AND MEDLINE/LC
 L67 29 SEA FILE=MEDLINE ABB=ON PLU=ON L55
 L68 2307 SEA FILE=MEDLINE ABB=ON PLU=ON L59
 L69 1 SEA FILE=MEDLINE ABB=ON PLU=ON L67 AND L68
 L78 171 SEA FILE=MEDLINE ABB=ON PLU=ON NAKADA, Y?/AU
 L79 2042 SEA FILE=MEDLINE ABB=ON PLU=ON NAKAGAWA, M?/AU
 L80 1358 SEA FILE=MEDLINE ABB=ON PLU=ON ONO, S?/AU
 L81 1 SEA FILE=MEDLINE ABB=ON PLU=ON (L78 OR L79 OR L80) AND
 L69
 L93 14 SEA FILE=MEDLINE ABB=ON PLU=ON L67 AND ACETYLCHOLINE
 ESTERAS? OR ACETYLCHOLINEESTERAS?
 L94 8 SEA FILE=MEDLINE ABB=ON PLU=ON L93 AND (PD OR TU OR
 DE)/CT
 L95 8 SEA FILE=MEDLINE ABB=ON PLU=ON L94 NOT L81

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L1 SCR 1707
 L2 SCR 1607 OR 1609
 L3 SCR 1297
 L4 SCR 1842 OR 2040 OR 1918
 L5 STR



REP G1=(1-5) CH2

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	45	514/210.19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/21 14:55
L3	1123	514/315	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/21 14:55